

Analytical Data Sheet

Lot number	1000033915 not for drug use
Product	Ac-Met-NH ₂
Product number	4000256.0001
Molecular formula	C ₇ H ₁₄ N ₂ O ₂ S
Relative molecular mass	190.27

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 44.19% C = 44.39% H = 7.42% H = 7.40% N = 14.72% N = 14.77%
Identification (TLC)	complies with authentic material
Melting point	150.5 ° C
Specific optical rotation	$[\alpha]_D^{24} = -7.67^\circ$ (1% in MeOH)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 85/10/5 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine

Latest update: June 23, 2020

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